

WHAT IS CLAIMED IS:

Sub A1

1. A load cell apparatus comprising
a cell block adapted to couple to a first structure,
a mount adapted to couple to a second structure, the mount being made
5 of a first material, the mount being formed to include a bore,
a stud extending from the cell block, and
a liner positioned to lie in the bore, the stud engaging the liner, and the
liner being made of a second material that is more lubrous than the first material.
2. The load cell apparatus of claim 1, wherein the mount includes
10 an upwardly facing inner surface and the liner engages the upwardly facing inner
surface.
3. The load cell apparatus of claim 1, wherein at least a portion of
the liner is positioned to lie beneath the stud.
4. The load cell apparatus of claim 1, wherein the liner surrounds
15 the stud.
5. The load cell apparatus of claim 1, wherein the liner is affixed
to the mount.
- 6.. The load cell apparatus of claim 5, wherein the liner is a flat
pad.
- 20 7. The load cell apparatus of claim 1, wherein the liner is affixed
to the stud.
8. The load cell apparatus of claim 7, wherein the liner is an O-
ring.
9. The load cell apparatus of claim 7, wherein the liner is a sleeve.
- 25 10. The load cell apparatus of claim 7, wherein the liner coats the
stud.
11. The load cell apparatus of claim 1, wherein the bore defines an
axis, the stud moves axially during deflection of the cell block, and the stud maintains
contact with the liner during axial movement.